

QuickStartTM

Marketing Strategy Presentation

Presentation Topics

- **Why QuickStart**
- **The QuickStart Advantage**
- **The QuickStart Product Line**
- **Programming**

Why QuickStart?

- The bid market
- QS Provides opportunity to enter new markets
- Compete at the low end
- *How do you define low end?*

Why QuickStart?

- **Quicker Install Time!**
 - **Improve installer productivity:**
 - Training certification not required
 - Intuitive, requiring fewer calls for technical assistance
 - Installer skill level reduced - No PC required
 - On and off the job quickly
- **Maximize profits**
 - **Lower material & labor (installation) costs**
 - **Reuse existing wiring**



The QuickStart Target Market

- Schools
- Strip malls
- Low-Rise buildings
 - Professional buildings
 - Multi-family residences, Condos
 - Dormitories
- Factories
- Retail stores





Advantages

QuickStart Advantages

- ***Priced Right***
- **Perfect for Retrofit or phased projects**
- **Provides a migration strategy**
- **Fast and Easy to Install**
- **Takes full advantage of Signature**
- **Mapping available but not required**
- **Field upgradable Software in CPU**



QuickStart Advantages



- **Three methods of configuration**
 - **Auto Learn mode**
 - **Front Panel configuration**
 - **Full CU (Configuration Utility) programming**

QuickStart Advantages

- **Mix configuration methods**
 - **Full upload/download between methods**
 - **Typical Configuration process**
 - **Use Auto Learn mode to find panel cards, detectors and modules. Use this to troubleshoot field wiring.**
 - **Then....use Front Panel programming to define messages, correlate inputs and outputs.**
 - **If additional complexity required....Use CU to customize correlations or add other complex functions.**

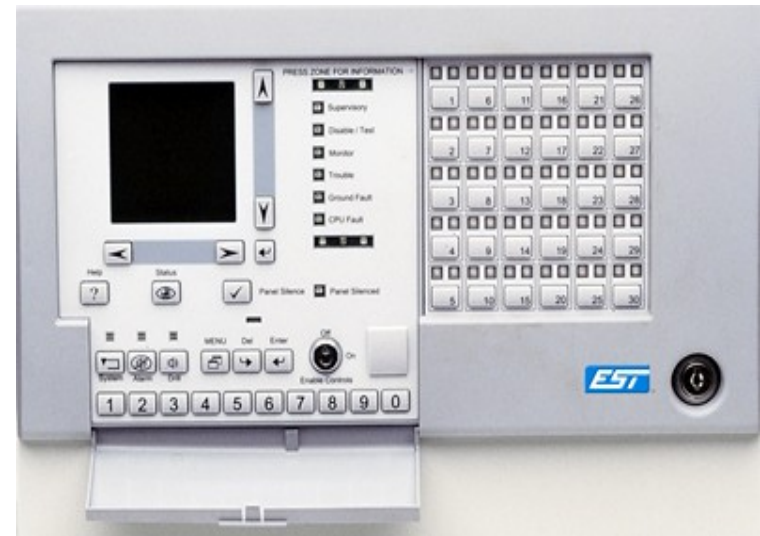
QuickStart Advantages

- **Easy to Configure**
 - **QuickStart Auto Learn**
 - Learn mode
 - Great for general alarm jobs - fast turnkey
 - Configure DACT
 - Use to check wiring and troubleshoot the project



QuickStart Advantages

- **Easy to Customize**
 - **Front panel configuration**
 - **Define Input & Output Zones**
 - **Correlate Inputs to outputs**
 - **Customize labels using bar code reader**
 - Fast and easy
 - No need for PC on job site
 - **Individual device programming**



QuickStart Advantages

- **QS-CU for Maximum customization**
 - **Used to customize sophisticated or complex applications**
 - **Retrieval of field configured panel**
 - **Saves entering panel configuration**
 - **Provides archive of project for future use**
 - **Modify/compare/download**
 - **Document system changes**
 - **Simplify project management**
 - **Extensive system configuration reports**
 - **Context Sensitive HELP system**

QuickStart Advantages

- **Mix Intelligent Addressable and conventional circuits**
 - **Provides migration path**
- **Contact ID Dialer**
 - **Zone or point ID to Central Monitoring Station**
 - **Up to 8 Accounts**
 - **No additional wiring other than phone lines**

QuickStart Advantages

- **Survivability**
 - **Should CPU fail, power supply polls cards & can activate common alarm outputs and dialer default messages.**
- **Easy to Use**
 - **Menu driven LCD Display**
 - **Easy operator access**
 - **4 levels** (public, emergency, maintenance, service)
 - **Zone LEDs**
 - **Push the switch - details appear on LCD**

The logo for QuickStart is presented within a light gray rounded rectangular box. The word "Quick" is in a bold, black, sans-serif font, while "Start" is in a lighter gray, italicized, sans-serif font. A thin horizontal line runs through the middle of the letters in "Start". A small "TM" trademark symbol is located at the bottom right of the word "Start".

Quick*Start*TM

Product Line

ES



Quickstart Series

From EST



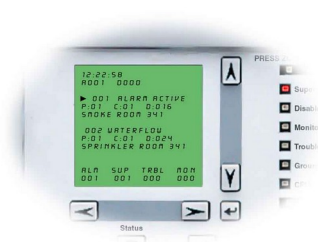
QuickStart Features

- **Three methods of programming**
 - “Auto Learn”, Front Panel Configuration Utility
- **Front Panel editing of specific data**
- **Parallel processing, output groups & user responses**
 - Provides Quick response time



QuickStart Features

- Mimic Annunciators w/ programmable switch / LED group mapping for total
- Message Routing
- Integrated Bar Code Reader Port
- Integrated coded conventional outputs (Steady, 20,120, temporal)
- User programmable dry contact on Power Supply
- Disabled map quiescent mode. - No trouble while in this mode (QS1 & QS4).





QuickStart Features

- **User trouble response instruction**
- **Smart selection of dialer messages.**
 - **Default to generic message if no others are found**
- **Completely integrated dialer**
 - **No additional system wiring required**
 - **Supports 4/2 and contact ID.**
 - **8 accounts, 2 lines with priorities**
- **Clean Me feature for ZB16-4 and ZA8-2 conventional cards**



QuickStart Features

- **Full system auto mapping of installed Option cards, and Annunciators installed in the system**
 - **Regardless whether or not the device is in the database**



QuickStart Panels

- **QSC**
 - Conventional Only, up to 48 Class B zones, 40 Class A
 - Available in 5 or 12 card space cabinets, Red or Gray
 - Front Panel Annunciation (60 zones)
- **QS1**
 - Single Signature Loop control panel only
 - Single size cabinet with 1 option card spaces
 - Front panel annunciation (30 zones)
- **QS4**
 - Multiple loop control panel
 - Up to 4 Signature loops plus 48 conventional zones
 - Available in 5 or 12 card space cabinets, Red or Gray



QSC Conventional



QS1 Single Loop



QS4 Multi - Loop

QuickStart Packages

- **QSC** = QuickStart Conventional Systems



5 option card cabinet

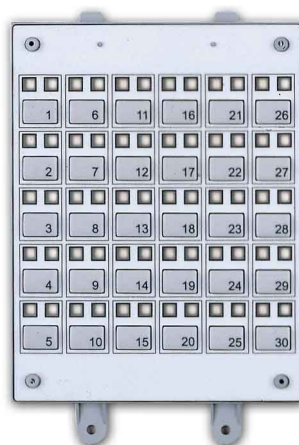


12 option card cabinet

QSC



- **Conventional Control Panel**
- **Compatible with EST Products**
- **From 8 to 48 zones**
- **Front Panel Annunciation (up to 2 sets of 30)**



QuickStart Packages

- **QS1 = QuickStart 1 Loop System**



**1 option card
cabinet**



QS1

- **Single Intelligent Loop control panel**
- **Large LCD Display**
- **No optional cabinet sizes**
- **Space for one option card**
- **Eight remote annunciators**
- **Software controlled coding**



QuickStart Packages

- **QS4 = QuickStart 4 Loop Systems**



**5 option card
cabinet**



**12 option card
cabinet**



QS4

- Multiple loop control panel
- Up to 4 Signature Series Loop controllers
- PLUS 48 conventional zones
- Front Panel annunciation (up to 2 sets of 30)
- Up to eight remote annunciators
- 5 and 12 card space cabinets, red or gray



QS4-12-G-1

Twelve option card spaces

QuickStart Remote Annunciation

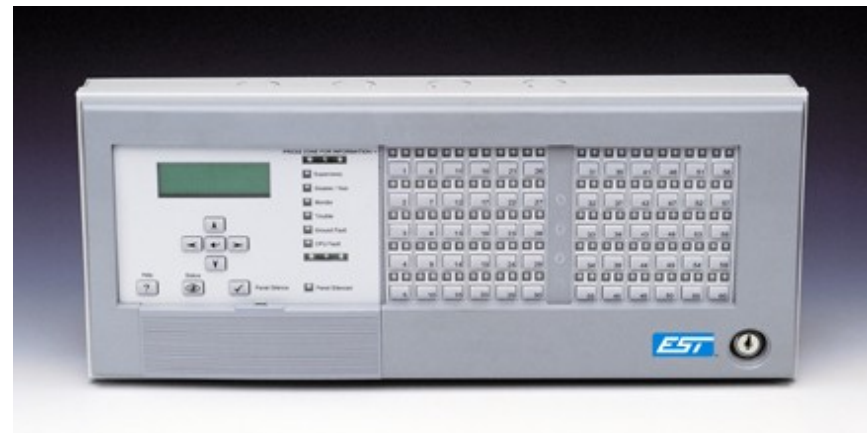


- **Serial Annunciatic**
- **LCD, common Controls**
- **Optional 30 point or 60 point switch/LEDs**



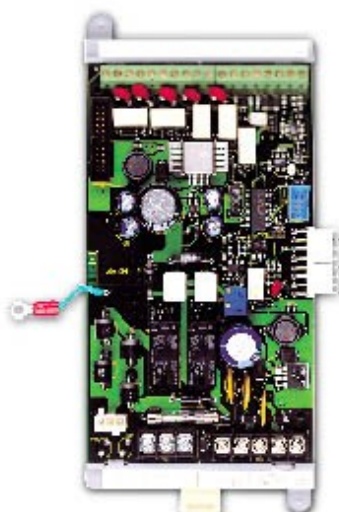
Remote Annunciators

- 8 per system
- Printer port
- 1 or 2 LED / Switch cards per annunciator
- Mirrored annunciation of front panel messages and status indicators
- Class A or Class B
- Flush or surface mounting



QuickStart Cards

Standard Components and Option Cards



PS6
Power Supply
Card



DLD
Dual Line
Dialer



X485
RS-485
Card



SLIC
Loop
Controller



ZR8
Relay
Card

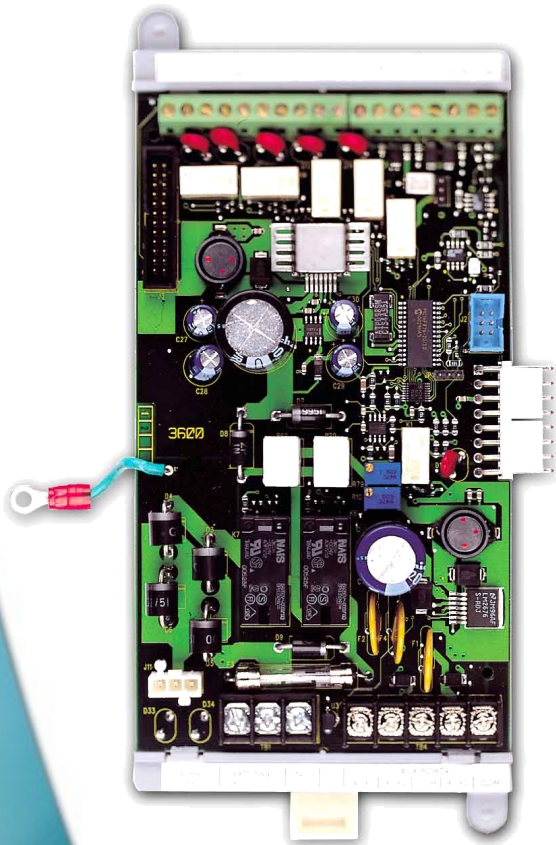


ZB16-4
Zone
Card



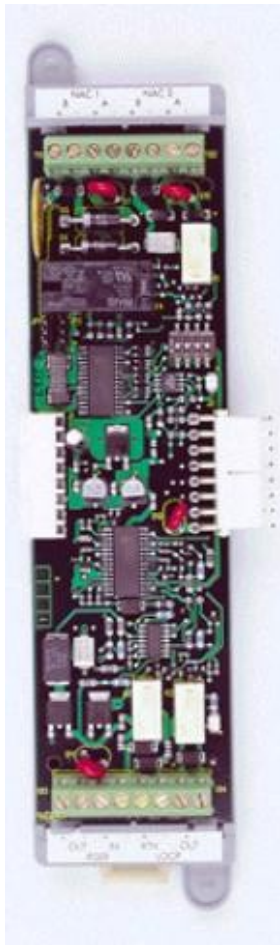
ZA8-2
Zone
Card

QuickStart Cards



- **PS6 Power Supply Card**
 - **Standard Card included all packages**
- **Four 24Vdc power output circuits**
 - **Three for auxiliary applications**
 - **One for powering four-wire smokes**
- **Charging circuit for standby batteries**
- **Common alarm, supervisory, & trouble relays**
- **Plus user programmable fourth relay**

QuickStart Cards



- **SLIC**
 - **Signature Loop Intelligent Card**
- **250 Signature Series Devices**
 - **125 Detectors**
 - **125 Modules**
- **2 Programmable NACs**
- **Occupies one card space**

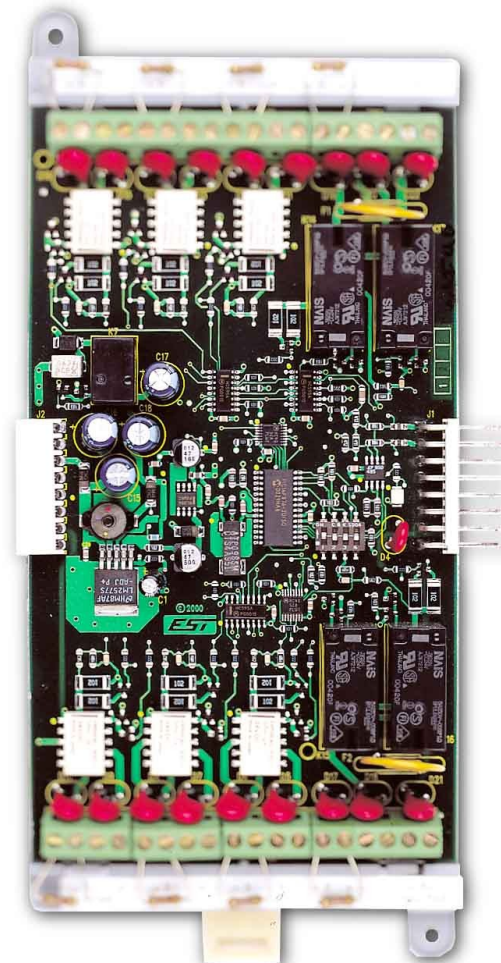
Option Cards



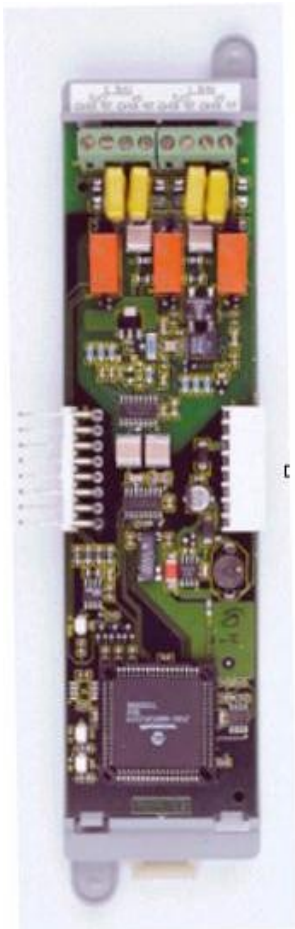
- **ZB16-4 Class B Zone Card**
 - **Sixteen circuits**
 - **Twelve dedicated IDCs**
 - **Up to 4 NAC's**
 - **Occupies two card spaces**

Option Cards

- **ZA8-2 Class A Zone Card**
 - **Eight Class A Input and output zones**
 - **Six dedicated initiating circuits**
 - **Occupies two card spaces**

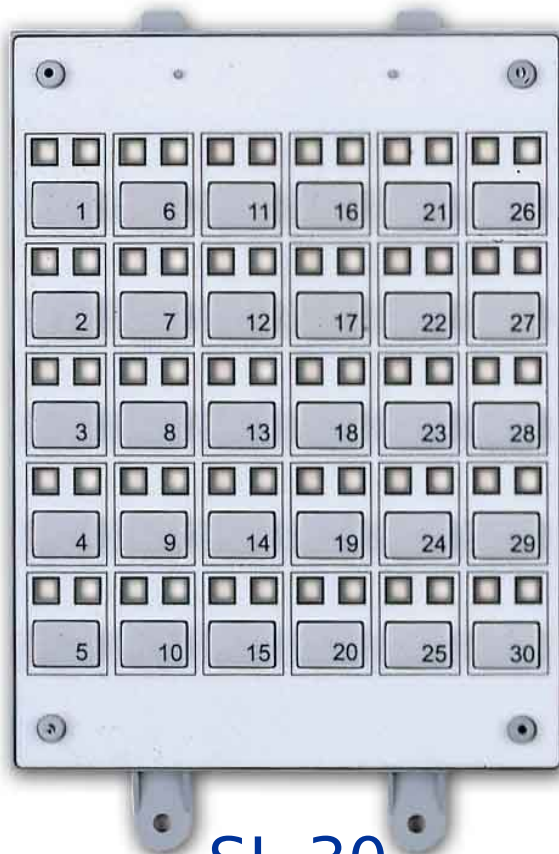


QuickStart Cards



- **DLD - Dual line dialer**
- **Provides two phone connections**
- **Supports 4/2 and Contact ID Formats**

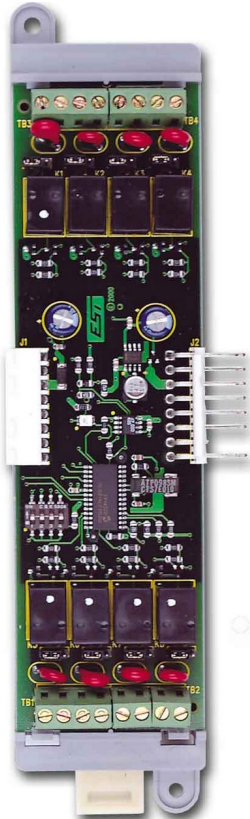
QuickStart Cards



SL-30

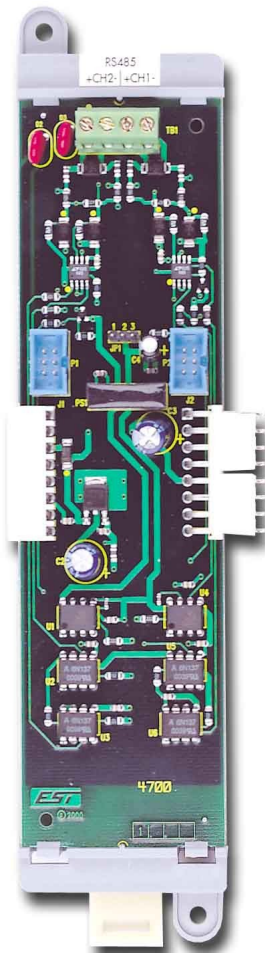
- **SL30 and SL30-1 LED / Switch Card**
- **Control Panel or Remote Annunciators**
- **Two leds per switch**
- **Buttons labeled 1-30 and 31-60 respectively**
- **Point or Zone annunciation**
 - **Alarm**
 - **Supervisory**
 - **Monitor**
 - **Trouble**

QuickStart Cards



- **ZR8 Zone Relay Card**
- **Eight dry-contact relays**
- **Configurable Form A or Form B relays**
- **1.5A @ 24 Vdc contact rating**

QuickStart Cards



RS-485

- **NT-A**
 - Includes X485 and QS232
- **Provides Class A communication to Remote annunciators.**

QuickStart Accessories

- **PT-1S Printer**
- ***CDR-3 Zone Coder**
- ***IOP3A Isolator Module**
- ***RPM Reverse Polarity Module**
- **2-CTM City Tie Module**
- **MFC-A Accessory Cabinet**
- **BC-1 Battery Cabinet**
 - * Mount in MFC-A Cabinet**





The Auto Learn Feature

Auto Learn

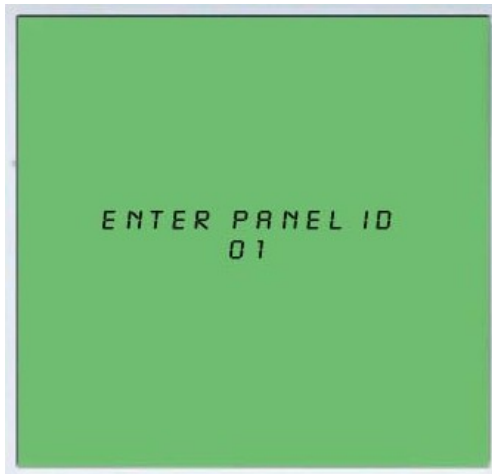
- The Auto Learn Process

CONFIGURE

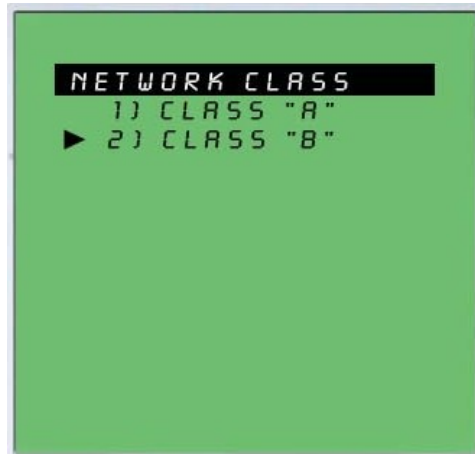
- ▶ 1) AUTOLEARN
- 2) SYSTEM
- 3) CARDS
- 4) ZONES
- 5) OUTPUT GROUP
- 6) EXIT

Auto Learn

First Screen



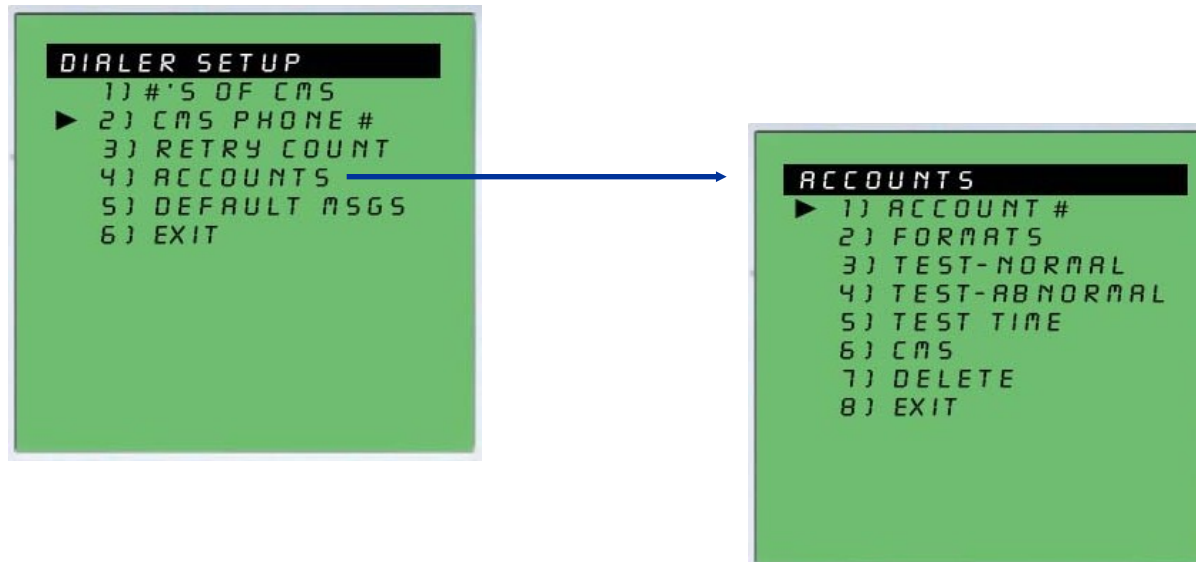
Second Screen



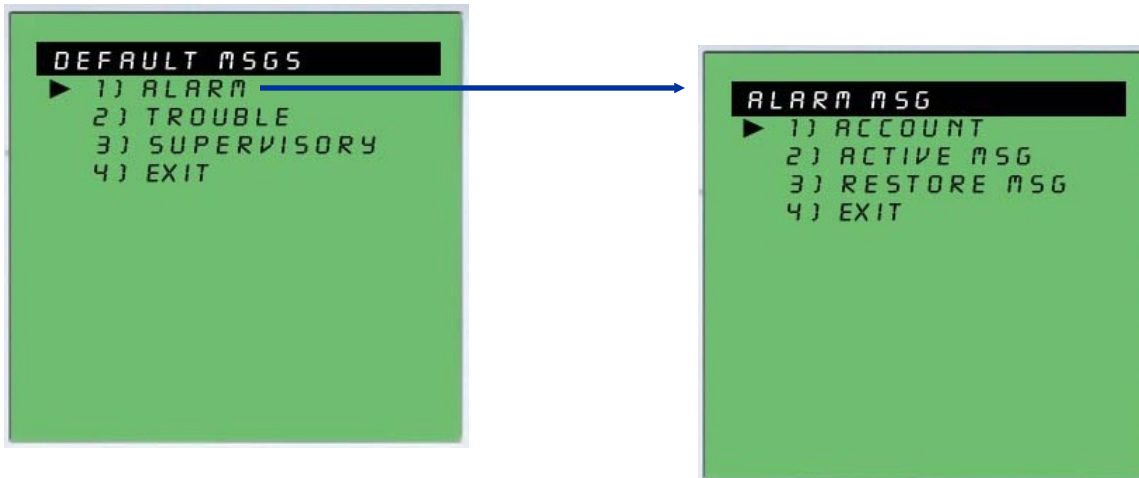
Third Screen

Auto Learn

- Systems with a dialer installed



Auto Learn



Auto Learn

- Auto Looping systems with Signature

```
EDIT CARD
1) ADD
▶ 2) EDIT
3) DELETE
```

```
SLIC
1) CONFIG CARD
2) CONFIG DETECT
3) CONFIG MODULE
▶ 4) AUTO LOOP
5) ACCEPT MAP
6) EXIT
```

```
# DETECTORS :025
# MODULES :015

ENTER : ACCEPT
DELETE: CANCEL
```



QuickStart™

Front Panel Programming



QuickStart Terms

- **Zones**
 - Logically grouping devices to reduce confusion during emergency situations.
- **Intelligent devices and circuits**
 - Devices refers to individual signature detectors or module
 - circuits refer to conventional either initiating or indicating

Front Panel Programming

- Takes Auto Learn to the next stage
- Enter Messages and specific I/O functions
- Modify detector settings



Front Panel Programming

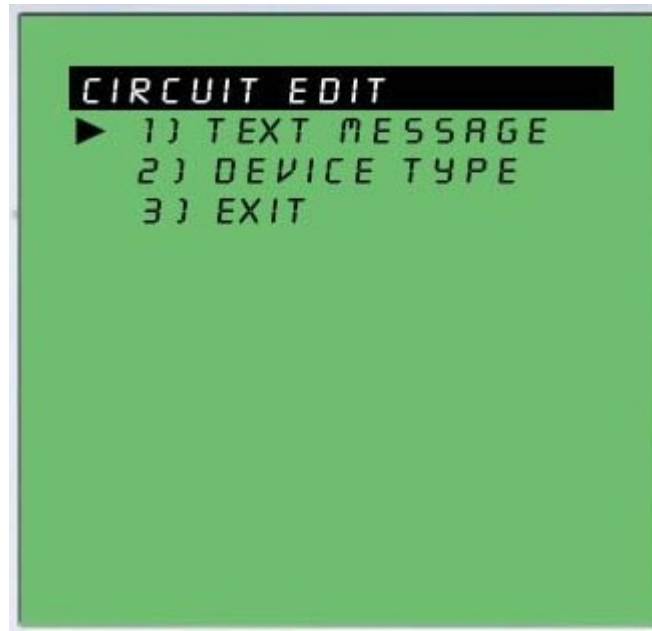
- **Configuring System Settings and User info**





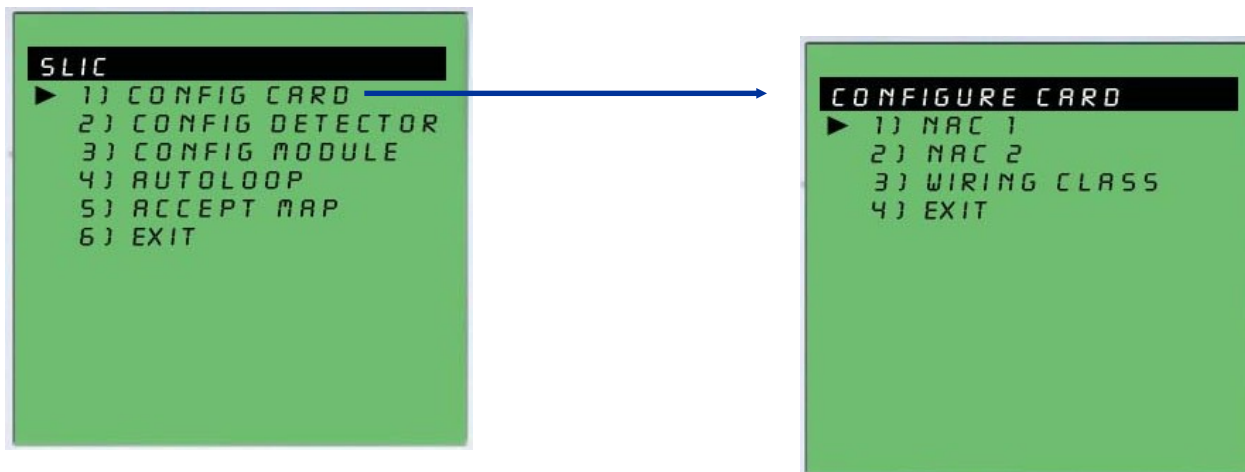
Front Panel Programming

- Card Setup, Conventional Circuits



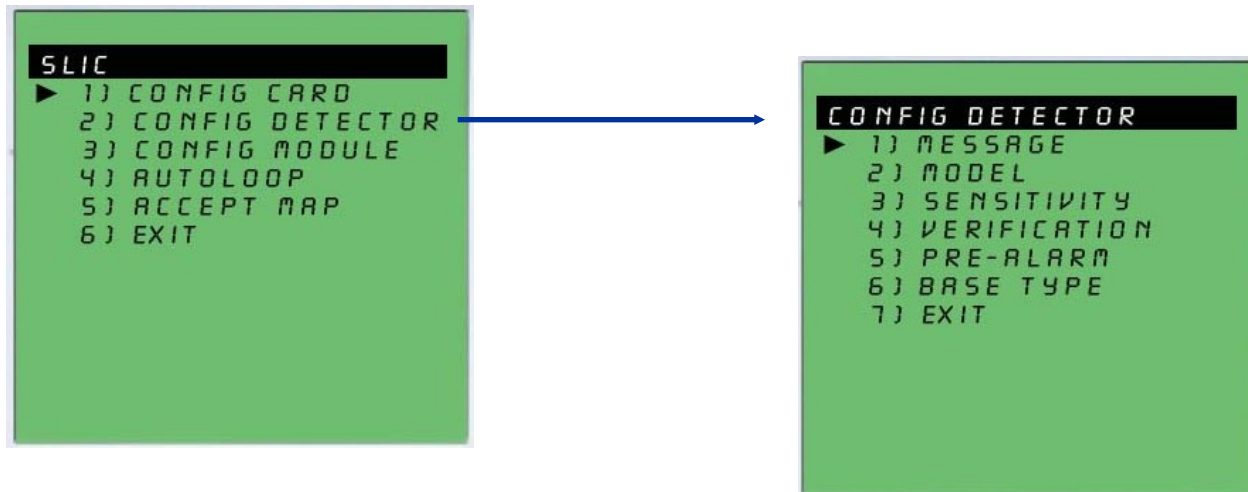
Front Panel Programming

- SLIC card primary menu and card configuration



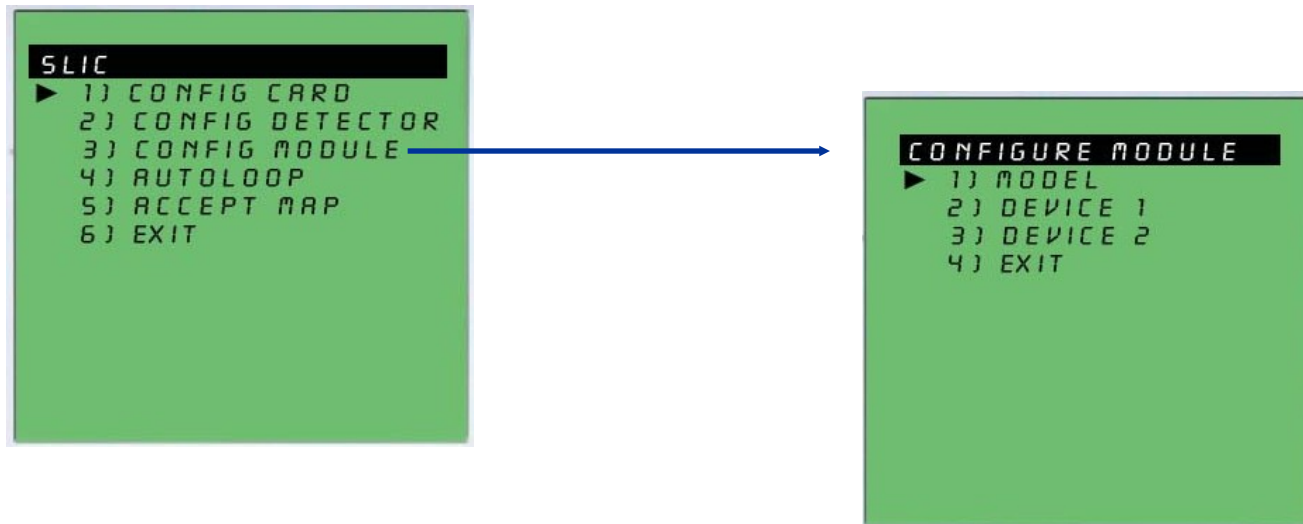
Front Panel Programming

- SLIC programming - Detectors



Front Panel Programming

- SLIC programming - Modules





Front Panel Programming

- **Zone Programming**

TYPE

- ▶ 1) ALARM ZONE
- 2) SUPERVISORY
- 3) MONITOR

EDIT ZONE

- ▶ 1) MESSAGE
- 2) MEMBERS
- 3) OUTPUT GROUP
- 4) CODING
- 5) TYPE
- 6) EXIT



Front Panel Programming

- Output Group Programming

```
OUTPUT GROUP
▶ 1) RESPONSES
  2) REVIEW
  3) EXIT
```

```
OUTPUT TYPE
▶ 1) ACTIVE
  2) TROUBLE
```

```
RESPONSE TYPE
▶ 1) RELAY
  2) DIALER
  3) DELAY
```



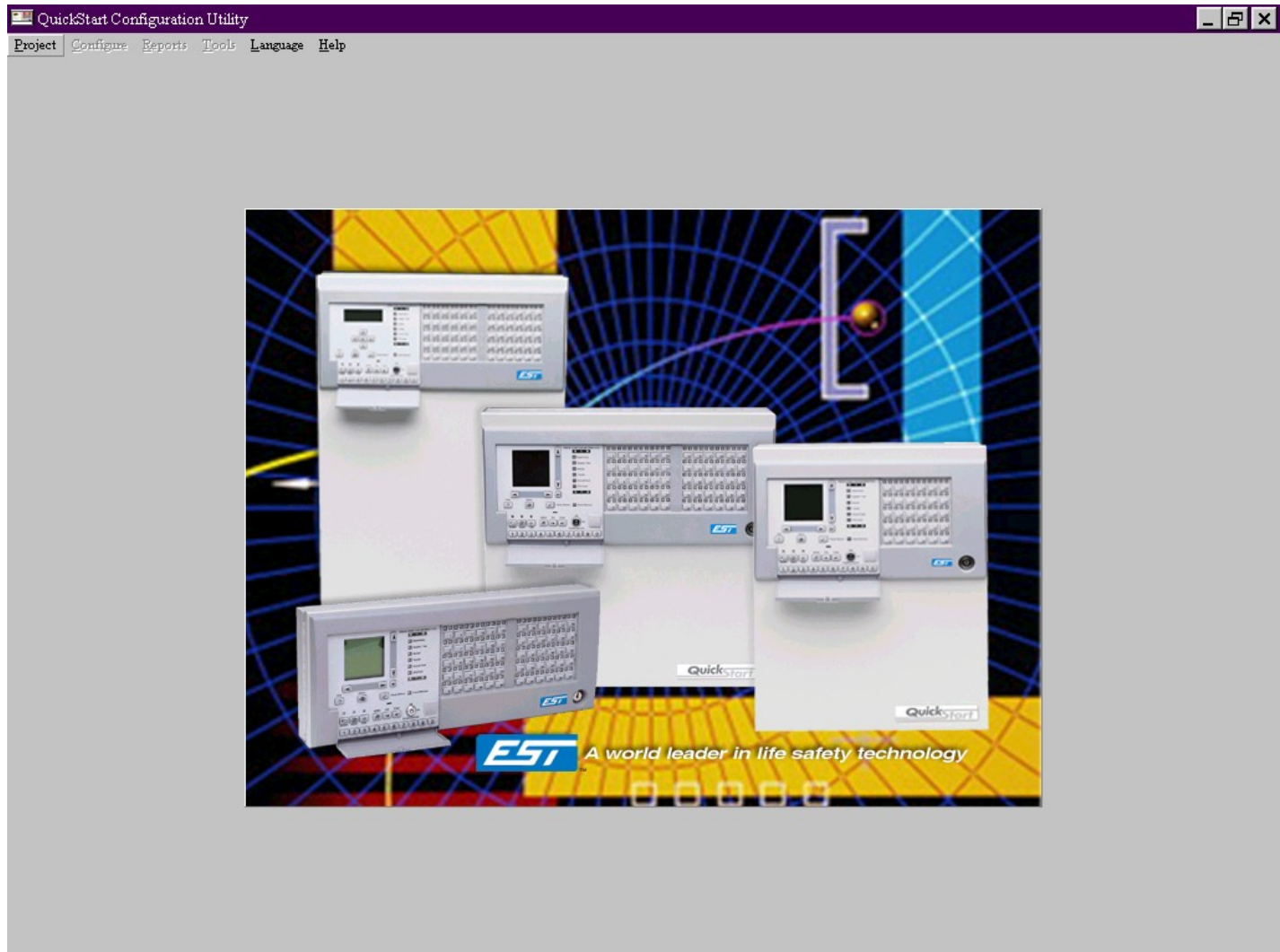
Front Panel Programming

- Saving your changes





Configuration Utility







Configuration Utility

Project Configuration

Options | Operations | Timing

Facility Name	Installation Company
<input type="text"/>	<input type="text"/>
Level 3 Password (4 digits)	Phone Number
<input type="text" value="3333"/>	<input type="text"/>
	Programmer
	<input type="text"/>
Project Description	
<input type="text"/>	

 Close  Help



Configuration Utility

Project Configuration

Options | Operations | Timing

Market Place NFPA72	Annunciator Baud Rate 9600
Language English (US)	Annunciator Comm Class Class B
Alarm Silence <input checked="" type="radio"/> Audible Only <input type="radio"/> Audible and Visual	Drill Activation Type Steady
Drill <input checked="" type="radio"/> Audible Only <input type="radio"/> Audible and Visual	<input type="checkbox"/> Allow Waterflow Silence <input checked="" type="checkbox"/> Inhibit Zone Resound <input type="checkbox"/> Enable 2 Stage Operation <input type="checkbox"/> Enable Trouble Reminder

Close Help



Configuration Utility

Project Configuration


Options | Operations | Timing


Automatic Alarm Signal Silence
Disabled

Alarm Signal Silence / Reset Inhibit
Disabled

AC Power Trouble Delay
Disabled

Panel Silence Resound Time
Disabled

 Close

 Help

Configuration Utility

Cabinet Configuration Form [X]

Cabinet Selection

Add Remove

Panel	Type
1	Intelligent - 12 Slot

Conventional - 5 Slot
Conventional - 12 Slot
Intelligent - 1 Slot
Intelligent - 12 Slot
Intelligent - 5 Slot

Configure

Address	Card Type
1	SLIC
2	LIC
3	TA8-2
4	TB16-4
5	TR8
6	Available
7	Available
8	Available
9	Available
10	Available
11	Available
12	Available
13	Available
14	Available

Close Help

Configuration Utility

Cabinet Configuration Form [X]

Cabinet Selection

Add Remove

Panel	Type
▶ 1	Intelligent - 12 Slot

Cards Annunciators Filters Port

Configure

Address	Card Type
▶ 1	SLIC
2	SLIC
3	ZB16-4
4	ZR8
5	ZA8-2
6	Available
7	Available
8	Available
9	Available
10	Available
11	Available
12	Available
13	Available
14	Available

Close ? Help



Configuration Utility

Dialer Configuration

Receiver 1

Primary Telephone Number
233-4567

Secondary Telephone Number
234-5678

☐ Enable Receiver 2

Retry Count
5

Receiver 2

Primary Telephone Number
[]

Secondary Telephone Number
[]

Account Information

Add Account Delete Account

Receiver	Account	Format	Test Time	Normal Test String	Abnormal Test String
1	1111	4/2	12:00:00 AM	00	01

Default Alarm Information Account
1111

Activation String
10

Restoration String
90

Default Supervisory Information Account
1111

Activation String
20

Restoration String
90

Default Trouble Information Account
1111

Activation String
30

Restoration String
90

Close Cancel Help

Configuration Utility

Traditional Zone Card Configuration

Address	Device Type	Text 1	Text 2
1	Verified Smoke	Conventional	01 04 01
2	Alarm	Conventional	01 04 02
3	Alarm	Conventional	01 04 03
4	Heat	Conventional	01 04 04
5	Monitor	Conventional	01 04 05
6	Pull	Conventional	01 04 06
7	Supervisory	Conventional	01 04 07
8	Tamper	Conventional	01 04 08
9	Verified Smoke	Conventional	01 04 09
10	Water Flow	Conventional	01 04 10
11	Alarm	Conventional	01 04 11
12	Alarm	Conventional	01 04 12
13	Alarm	Conventional	01 04 13
14	Audible	Conventional	01 04 14
15	Audible	Conventional	01 04 15
16	Visible	Conventional	01 04 16
17	Visible	Conventional	01 04 17

Close Help



Configuration Utility

Message Configuration Form

Module Address: Device Type: Message Wild Card: ☒ Multi-Select

Panel	Card	Address	Type	Text 1	Text 2	Primary Route	Alternate Route
1	0	0	Card	Panel 01 Card	Communications	00 All Cabinets	00 All Cabinets
1	1	0	Card	Card 01	Communications	00 All Cabinets	00 All Cabinets
1	1	270	Visible	Output	01 01 270	00 All Cabinets	00 All Cabinets
1	1	271	Audible	Output	01 01 271	00 All Cabinets	00 All Cabinets
1	2	0	Card	Card 02	Communications	00 All Cabinets	00 All Cabinets
1	2	270	Visible	Output	01 02 270	00 All Cabinets	00 All Cabinets
1	2	271	Audible	Output	01 02 271	00 All Cabinets	00 All Cabinets
1	3	0	Card	Card 03	Communications	00 All Cabinets	00 All Cabinets
1	3	1	Verified Smoke	Conventional	01 03 01	00 All Cabinets	00 All Cabinets
1	3	2	Alarm	Conventional	01 03 02	00 All Cabinets	00 All Cabinets
1	3	3	Alarm	Conventional	01 03 03	00 All Cabinets	00 All Cabinets
1	3	4	Audible	Conventional	01 03 04	00 All Cabinets	00 All Cabinets
1	3	5	Alarm	Conventional	01 03 05	00 All Cabinets	00 All Cabinets
1	3	6	Alarm	Conventional	01 03 06	00 All Cabinets	00 All Cabinets
1	3	7	Alarm	Conventional	01 03 07	00 All Cabinets	00 All Cabinets
1	3	8	Visible	Conventional	01 03 08	00 All Cabinets	00 All Cabinets
1	4	0	Card	Card 04	Communications	00 All Cabinets	00 All Cabinets
1	4	1	Verified Smoke	Conventional	01 04 01	00 All Cabinets	00 All Cabinets
1	4	2	Alarm	Conventional	01 04 02	00 All Cabinets	00 All Cabinets

Configuration Utility

Correlation Configuration

Logic Group Selection

Matrix Groups | Time Controls | Devices | Switches

Output Groups | **Zones** | Service Groups | And Groups

Add Zone | Remove Zone

Zone Type: Alarm Zone | Activate LED: Alarm

Bell Code: | Allow Trouble: ☐ | Descriptor: Zone 1

Address	Text 1	Text 2
1	Zone 1	

Member Selection

Members | Output Groups | Responses

Add Device | Remove Device

Panel	Card	Address	Text 1	Text 2
1	3	2	Conventional	01 03 02
1	3	3	Conventional	01 03 03

Close Help



Configuration Utility

QuickStart Configuration Utility - FPP TEST Version 01.00.00

Project Configure Reports Tools Language Help

Correlation Configuration

Logic Group Selection

Matrix Groups Time Controls Devices Switches
Output Groups Zones Service Groups And Groups

Add Output Group Remove Output Group

Descriptor
Output 1

Address	Text 1	Text 2
1	Output 1	All NAC's
2	Output 2	

Response Selection

Devices Activating Output Group Responses

Response Type Active

Outputs Leds Delays Dialer Strings Remove

Alternate Sensitivity Alternate Routing Reset (Test Only)

GA Inhibit Lamp Test Force Trouble Evacuate

Command	Description
---------	-------------

Object Selection Form

Module Address Device Type Label Wild Card

All Cards All Types

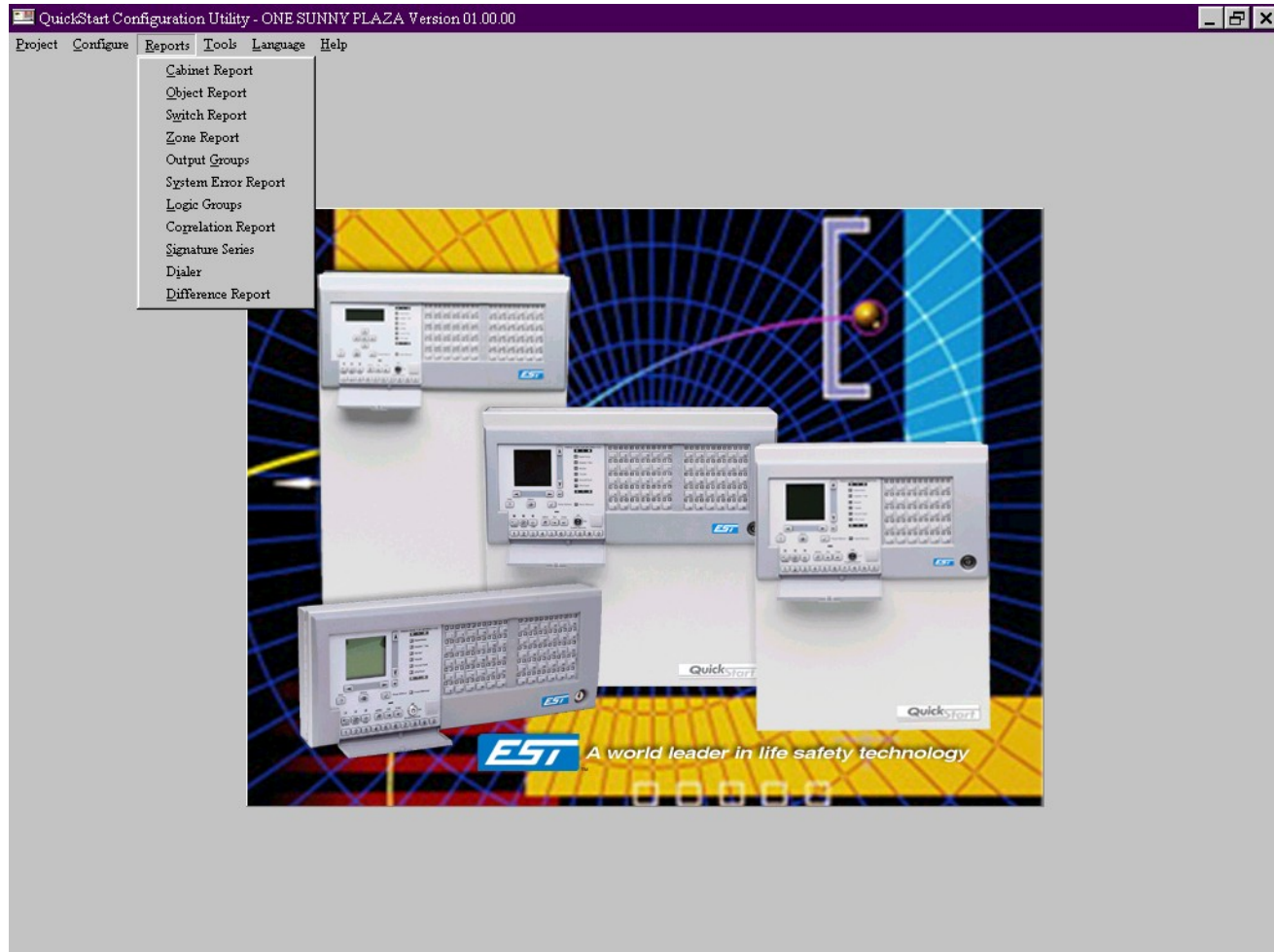
Card	Address	Type	Text 1	Text 2
1	270	Visible	Output	01 01 270
1	271	Audible	Output	01 01 271
2	270	Visible	Output	01 02 270
2	271	Audible	Output	01 02 271
3	4	Audible	Conventional	01 03 04
3	8	Visible	Conventional	01 03 08
4	13	Audible	Conventional	01 04 13
4	14	Audible	Conventional	01 04 14
4	15	Visible	Conventional	01 04 15
4	16	Visible	Conventional	01 04 16
5	1	Dry Contact	Dry Contact	01 05 01
5	2	Dry Contact	Dry Contact	01 05 02
5	3	Dry Contact	Dry Contact	01 05 03

Close

OK Cancel Help



Configuration Utility




Configuration Utility

Communications Selection Form

Communications Port: Baud Rate:

Panel	Card	Version	Status	Selected
▶ 1	0	01.00.00	Pending	<input checked="" type="checkbox"/>
2	0	01.00.00	Pending	<input checked="" type="checkbox"/>



 Close Transmit Database To

Retrieving System Data

Port: Baud Rate: Cabinet Type:

This dialog will guide you through the steps required to retrieve a project from the system.

Verify the port settings are correct.
 Verify the cabinet type is the same as the system you are connected to.
 Connect a communications cable to Cabinet 1.
 Click the OK button to start the transfer.
 Click the Cancel button to close this dialog.

 OK  Cancel

QuickStart Application Topics

**What are QuickStart
“Zones”**

**Front Panel Zone
Annunciation**

Bar Code Scanning





Front Panel Annunciation

- Optional SL-30 and SL30-1 provide LED annunciation and manual control for QS control panels and remote annunciators.
- Two Leds (one bi-color) per switch
- System automatically maps zones to corresponding groups in the SL30 and SL30-1
- Number buttons bring up location message for the appropriate zone.
- Remaining led/button groups can be used for other purposes.
- A level 2 password or the key switch is required

Bar Code Scanning

- Bar code scanner port is on the front of the panel
- Hot connect and disconnect with proper screens
 - Possible erroneous data will appear onscreen if hot switched with the panel in the text entry or device serial # screen
 - Back space or delete to remove erroneous data and re enter.
- Bar code scanner can be used for serial numbers and entering message data.





Password Levels

- **Level 1 Public Mode**
- **Level 2 Emergency Mode**
- **Level 3 Maintenance Mode**
- **Level 4 Service Mode**



QuickStart™

Thank You